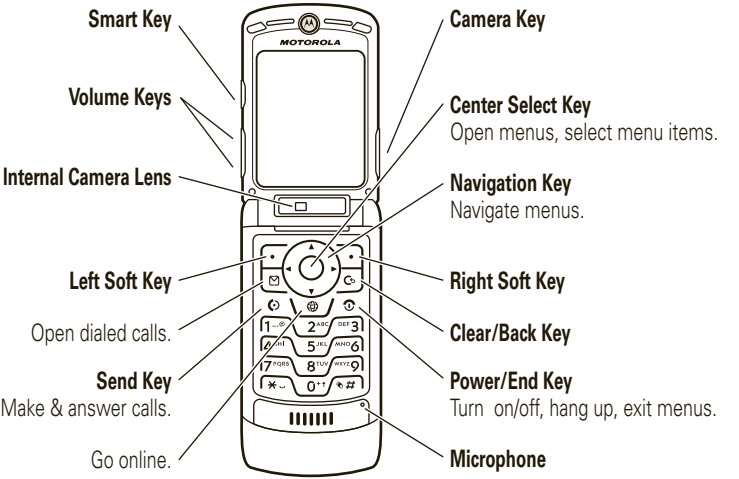
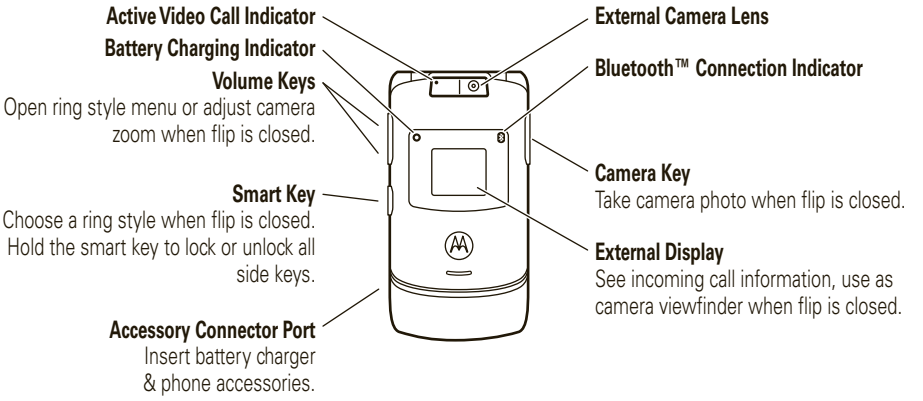
MOTORAZR™ V3xx

User's Guide

HELLOMOTO

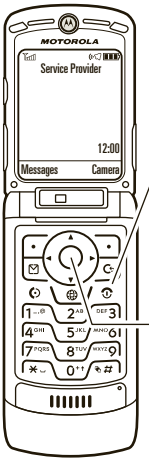
Introducing your new **MOTO**RAZR™ V3xx 3G wireless phone. Here's a quick anatomy lesson.




Active Video Call Indicator
Battery Charging Indicator
Volume Keys
Open ring style menu or adjust camera zoom when flip is closed.
Smart Key
Choose a ring style when flip is closed. Hold the smart key to lock or unlock all side keys.
Accessory Connector Port
Insert battery charger & phone accessories.
External Camera Lens
Bluetooth™ Connection Indicator
Camera Key
Take camera photo when flip is closed.
External Display
See incoming call information, use as camera viewfinder when flip is closed.

To change your home screen shortcuts and your main menu appearance, see page 33.

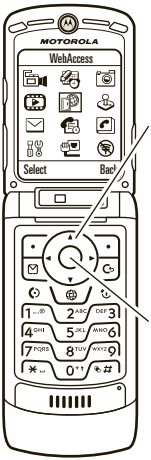
Home Screen



1. Press and hold the **Power Key** for a few seconds or until the display lights up to turn on your phone.

2. Press the **Center Key** to open the **Main Menu**.

Main Menu



3. Press the Navigation Key **up, down, left, or right** to highlight a menu feature.

4. Press the **Center Key** to select it.

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menu map

main menu

Tools
- Calculator
- Calendar
- Alarm Clock
- Dialing Services
  - Fixed Dial *
  - Service Dial *
  - Quick Dial
- World Clock

Multimedia
- Media Finder
  - Music
  - Pictures
  - Videos
  - Voice Records
  - Ring Tones
  - Wallpapers
- Themes
- Camera
- Video Camera
- Voice Record

Web Access
- Browser
- Bookmarks
- History
- Go To Page
- Browser Setup
- Web Sessions *
- Stored Pages

Messages
- Create Message
- Voicemail
- Message Inbox
- Email
- Browser Messages
- Outbox
- Drafts
- Templates

Recent Calls
- (press the * or # to scroll through the call lists)

Alarm Clock

Bluetooth®

Phonebook

Settings
- (see next page)

* optional features

This is the standard main menu layout. **Your phone's menu may be different.**

To change your home screen shortcuts and your main menu appearance, see page 33.

settings menu

Personalize
- Home Screen
- Main Menu
- Voice Dial Setup
- Skin
- Greeting
- Wallpaper
- Screen Saver

Ring Styles
- Style
- *Loud* Detail

Connection
- Bluetooth® Link
- USB Settings

Call Forward *
- Voice Calls
- Cancel All
- Forward Status
- Push to Call Fwd No.

In-Call Setup
- Date and Time
- In-Call Timer
- My Caller ID
- Answer Options
- Call Waiting
- MSG Alert

Initial Setup
- Time and Date
- Speed Dial
- Auto Redial
- Display Timeout
- Backlight
- Charging Lights
- TTY Setup *
- Scroll
- Text Marquee
- Language
- Brightness
- DTMF
- Master Reset
- Master Clear

Phone Status
- My Tel. Numbers
- Credit Info *
- Battery Meter
- Download Location
- Storage Devices
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- Other Information

Headset
- Auto Answer
- Ringer Options
- Voice Dial

Car Settings
- Auto Answer
- Auto Handsfree
- Power-Off Delay
- Charger Time

Network
- New Network
- Network Setup
- Available Networks
- Service Tone
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Security
- Phone Lock
- External Key Lock
- Lock Application
- Fixed Dial *
- Restrict Calls *
- SIM PIN
- New Passwords
- Certificate Mgmt *

Java™ Settings
- Java System
- Delete All Apps
- App Vibration
- App Volume

Airplane Mode
- Airplane Mode
- Prompt at Startup

* optional features

essentials

Caution: Before using your device for the first time, please read the **important legal and safety** information in the back of this guide.

about this guide

This guide shows how to open a menu feature as follows:

Find it: ·◆· > ✉ Messages > Create Message

Press the center key to select it.

symbols	
	This means a feature is network, SIM card, or subscription dependent and may not be available in all areas. Contact your service provider for more information.
	This means a feature requires an optional accessory.

SIM card

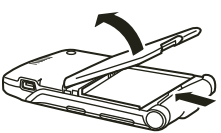
Caution: Don't bend or scratch your SIM card. Keep it away from static electricity, water, and dirt.

Your *Subscriber Identity Module* (SIM) card contains personal information like your phone number and phonebook entries. It can also contain your voicemail, text message, and Internet access settings. If you put your SIM card in another phone, that phone uses your phone number.

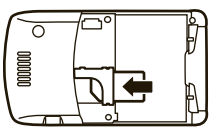
To insert and use a **memory card**, see page 21.

Turn off your phone and remove your battery before you install or remove a SIM card.

1

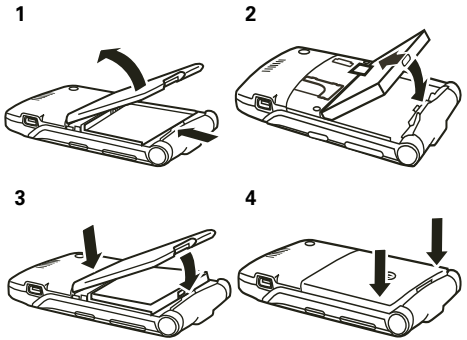


2



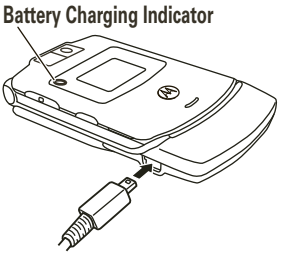
battery

battery installation



battery charging

New batteries are not fully charged. Plug the battery charger into your phone and an electrical outlet. Your phone might take several seconds to start charging the battery. When finished, your display shows **Charge Complete**.



Tip: Relax, you can't overcharge your battery. It will perform best after you fully charge and discharge it a few times.

The battery charger shipped with this device is designed for Motorola 3G mobile phones. Other chargers might take longer to charge your battery, or cause your calls to fail during charging.

turn it on & off

Caution: Some phones ask for your SIM card PIN code when you turn them on. If you enter an incorrect PIN code three times before the correct code, your SIM card is disabled, and your display shows **SIM Blocked**. Contact your service provider.

To turn on your phone, press and hold ⏻ for a few seconds or until the keypad or display lights up.

If prompted, enter your eight-digit SIM card PIN code and/or four-digit unlock code (for more about codes, see page 30).

To turn off your phone, press and hold ⏻ for a few seconds.

make a call

To make a call, enter a phone number and press ✆. **To "hang up,"** close the flip or press ⏻.

answer a call

To answer a call when your phone rings and/or vibrates, just open the flip or press ✆. **To "hang up,"** close the flip or press ⏻.

store a phone number

You can store a phone number in your **Phonebook**:

1 Enter a phone number in the home screen.

2 Press **Store**.

Select **Create New Contact**, if necessary.

3 Enter a name and other details for the phone number. To select a highlighted item, press the *center key* ◆.

4 Press **Done** to store the number.

To **edit** or **delete** a **Phonebook** entry, see page 41.

call a stored phone number

Find it: ◆ > **Phonebook**

1 Scroll to the phonebook entry.

Shortcut: In the phonebook, press keypad keys to enter the first letters of an entry you want.

2 Press ✆ to call the entry.

Note: You can show contacts stored in your phone's memory or on your SIM card. To choose which contacts you see, press ◆ > **Phonebook**, then press **Options** > **View**. You can select **Phone & SIM Card**, **SIM Card**, or **Phone Contacts**. Contacts on the SIM card only include a **Name** and **Number**. To choose where you store contacts, go back to the home screen and press ◆ > **Phonebook**, then press **Options** > **Setup** > **Default Storage (Store Contents)** > **Phone** or **SIM Card**.

your phone number

From the home screen, press *the clear key* C then # to see your number.

Tip: Want to see your phone number while you're on a call? Press **Options** > **My Tel. Number**.

You can edit the name and phone number stored on your SIM card. From the home screen, press [#], select an entry, press **View**, press **Options**, and select **Edit**. If you don't know your phone number, contact your service provider.

main attractions

You can do much more with your phone than make and receive calls!

Bluetooth® wireless

Your phone supports Bluetooth wireless connections. You can connect your phone with a Bluetooth headset or car kit to make handsfree calls. You can also connect your phone with a phone or computer that supports Bluetooth connections to exchange files.

You can also use Bluetooth® A2DP stereo headphones to listen to music files you store on your phone.

Note: The use of wireless phones while driving may cause distraction. Discontinue a call if you can't concentrate on driving. Additionally, the use of wireless devices and their accessories may be prohibited or restricted in certain areas. Always obey the laws and regulations on the use of these products.

For maximum Bluetooth security, you should always connect Bluetooth devices in a safe, private environment.

use a headset or handsfree car kit

Before you try to connect your phone with a handsfree device, make sure the device is **on** and **ready** in *pairing* or *bonding* mode (see the user's guide for the device).

Find it: ‹●› > Settings > Connection > Bluetooth Link > [Add Audio Device]

Your phone lists the devices it finds within range.

1. Scroll to a device in the list and press the *center key* ‹●›.
2. Press Yes or OK to connect to the device.
3. If necessary, enter the device passkey (such as 0000) and press OK.

When your phone is connected, the Bluetooth indicator appears in the home screen.

You cannot play some copyrighted files over a Bluetooth connection.

Shortcut: When your phone's Bluetooth power is on, your phone can automatically connect to a handsfree device you have used before. Just turn on the device, or move it near the phone. If the device doesn't connect, turn it off and back on. During a call or while playing a sound file, you can press Options > Use Bluetooth to connect to a headset or handsfree device you have used before.

Tip: Want to know more about your headset or car kit? For specific information about a device, refer to the instructions that came with it. For more Bluetooth support, see: **www.motorola.com/Bluetoothsupport**

copy files to another device

You can use a Bluetooth connection to copy a media file, phonebook entry, calendar event, or Web shortcut from your phone to a computer or other device.

Note: You can't copy some copyrighted objects.

1. On your phone, scroll to the object that you want to copy to the other device.
2. Press Options, then select:
   - Manage > Copy for media files.
   - Send Contact for phonebook entries.
   - Send for calendar events.
3. Select a recognized device name, or [Look For Devices] to search for the device where you want to copy the file.

If your phone could not copy the file to the other device, make sure the device is **on** and **ready** in *discoverable* mode (see the user's guide for the device).

Also, make sure the device is not busy with another similar Bluetooth connection.

Note: Once you connect your phone to a Bluetooth device, that device can start similar Bluetooth connections with your phone. Your display shows the Bluetooth indicator at the top when there is a Bluetooth connection. To change a device's **Access** setting, see page 15.

receive files from another device

If you do not see the Bluetooth indicator at the top of your phone display, turn on your phone's Bluetooth feature by pressing > **Settings** > **Connection** > **Bluetooth Link** > **Setup** > **Power** > **On**.

1 Place your phone near the device, and send the file from the device.

If your phone and the sending device don't recognize each other, place your phone in discoverable mode so the sending device can locate it: press > **Settings** > **Connection** > **Bluetooth Link** > **Find Me**.

2 Press **Accept** on your phone to accept the file from the other device.

Your phone notifies you when file transfer is complete. If necessary, press **Save** to save the file.

send files to a printer

You can use a Bluetooth connection to send a picture, message, phonebook entry, or calendar view from your phone to a printer.

Note: You cannot print message **Templates** or a phonebook **Mailing List**.

1 On your phone, scroll to the object that you want to print, then press **Options** > **Print** > **Bluetooth**. In the calendar, you can print the month, week, or day.

Tip: If you see it, you can print it. After you capture a picture in the camera, you can press **Options** and select **Print**.

2 If available, choose additional objects or print options.

3 Select a recognized printer name listed in the **Printers** menu, or **[Look For Devices]** to search for the printer where you want to print the object.

Note: If you see **Service Not Supported** when you try to print, select **Options** > **Manage**> **Copy** > **Bluetooth** instead.

advanced Bluetooth features

A device is *recognized* after you connect to it once (see page 12).

features	
make phone visible to other device	Allow a Bluetooth device to discover your phone: > Settings > Connection > Bluetooth Link > Find Me
connect to recognized device	Connect your phone to a recognized handsfree device: > Settings > Connection > Bluetooth Link > Audio Devices > *device name*
drop connection with headset or handsfree device	> Settings > Connection > Bluetooth Link > Audio Devices Scroll to the device name and press Drop.
switch to headset or handsfree device during call	During a call, press Options > Use Bluetooth to switch to a recognized headset or car kit. Your phone connects automatically, or shows a list of devices you can select.
play sound files on a recognized headset	While playing a sound file, press Options > Use Bluetooth to switch to a recognized headset. Your phone connects automatically, or shows a list of devices you can select. You cannot play some copyrighted files over a Bluetooth connection.

features	
move multimedia object to device	**Caution:** Moving an object **deletes** the original object from your phone. Scroll to the object, press Options > Manage > Move, select the device name. You cannot move some copyrighted files.
copy multimedia object to device	Scroll to the object, press Options > Manage > Copy, select the device name. You cannot copy some copyrighted files

features	
edit device properties	> Settings > Connection > Bluetooth Link > Found Devices Scroll to the device name and press the *center key* . **Note:** The Access setting can restrict how this device connects to your phone. You can choose Automatic (always connects), Always Ask (asks you before connecting), Just Once, Never, or Custom.
set Bluetooth options	> Settings > Connection > Bluetooth Link > Setup

audio player

Your phone can play and store AU, WMA, and MP3 song files. You can use a removable memory card with your phone to store more songs (see page 21).

Find it: > Multimedia > Media Finder > Music

Press ·◌· up or down to scroll to an option, and press the *center key* ·◆· to select it:

options	
All Songs	Show and play individual songs. **Note:** All of your phone's songs appear in this list. Some songs do not have any Artist, Album, or Genre information, so they don't appear in those lists.
Recently Played	Show songs you played recently.
Playlists	Create or play a playlist (see page 16).
Artists	Select an artist to show or play their songs.
Albums	Select an album to show or play its songs.
Genres	Select a type of music to show or play songs.
Composers	Select a composer to show or play songs.

When you select a song:

- **Play or pause** the song by pressing the *center key* ·◆·.
- **Skip back or forward** by pressing ·◌· left or right.
- **Change volume** by pressing the volume keys.
- **Hide the player** by pressing Options > Hide. This lets you use other phone features while the song plays. To end the hidden audio player, press ⏻ in the home screen.

Tip: You can listen to tunes on your way, using Bluetooth® A2DP stereo headphones (page 11).

Your phone also has a Ring Tones player. To use it, press ·◆· > Multimedia > Media Finder > Ring Tones.

load music files

To copy files between your phone and a computer, see page 23.

Note: Your phone may not play audio files that have a bit rate higher than 128 kbps. If you try to download or play one of these files, your phone might show you an error or ask you to delete the file.

create a playlist

Find it: ·◆· > Multimedia > Media Finder > Music > Playlists > [Create New Playlist]

Open a song list, and press the *center key* to select each song you want. After you press **Done**, enter a name for your list.

To hear your playlist, highlight it under **Playlists** and press **Options** > **Play**.

play music with your phone closed

You can close your phone while you listen to music. When your phone is closed, the external display shows the song artist, title, and time. When your phone is closed while a song is playing:

- **Press the volume keys** to adjust playback volume.
- **Hold the smart key** to lock or unlock the side keys.
- **Press the smart key** to open the audio player menu. Press your volume keys to scroll through the menu, and press the smart key to select a menu item (or pause a song).

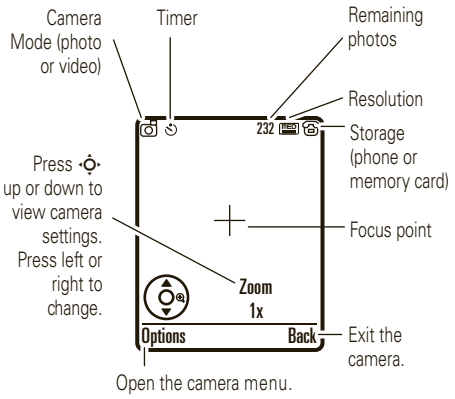
photos

take & store or send photos

Your camera lens is on the back of your phone when the phone is open. **To get the clearest pictures, wipe the lens clean with a dry cloth before you take a picture.**

Note: Next to your phone's external lens is a **camera on indicator**. This can blink when your camera is on, to let people around you know that they might be in your photo or video.

1 Press > **Multimedia** > **Camera** to see the camera viewfinder.



2 Press the *center key* to take the photo in the viewfinder. You can:

- Press **Options** to store the photo.

  If you press **Options** > **Print**, you can print the picture over a Bluetooth® connection (see page 13).
- Press **Send** to send the photo in a message.

  Your phone might tell you that this is a **Multimedia Msg**, since it has a picture in it. Some other phones or networks do not support picture messages. Press **Yes** to send the message.

- Press [C] to discard the photo and return to the active viewfinder.

Before you capture the photo, you can press **Options** to open the camera menu:

options	
Go To Pictures	See stored pictures and photos.
Go To Video Mode	Switch to the video camera.
Internal / External View	Switch to the camera facing you (**Internal**) or facing away from you (**External**).
Auto-Timed Capture	Set a timer for the camera to take a photo.
Camera Setup	Open the setup menu to adjust photo settings.
Switch Storage Device	Choose to store pictures on your phone or a memory card.
Free Space	See how much memory remains. **Note:** Your service provider may store some content in user memory before you receive the phone.

self portrait

If you close your phone while the viewfinder is active, the external display shows the image. Press the volume keys to zoom, or press the *smart key* to capture and store the image.

see stored photos

Find it: > Multimedia > Media Finder > Pictures > All Pictures > *picture name*

- To **delete** a picture, scroll to it in the list and press Options > Manage > Delete.
- To **copy or move** a picture from your memory card ( ) to your phone memory ( ), scroll to it in the list and press Options > Manage > Copy or Move > Memory Card. You cannot copy or move some copyrighted files.

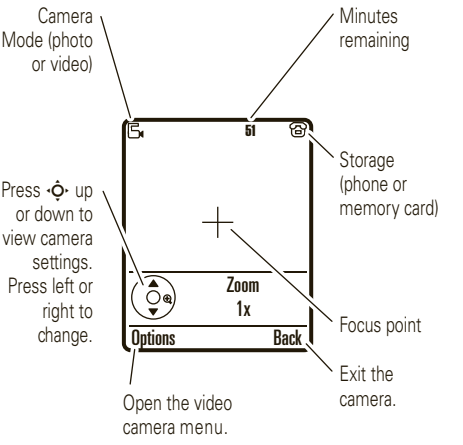
videos

record video clips

Your camera lens is on the back of your phone, when your phone is open. **To get the clearest videos, wipe the lens clean with a dry cloth before you capture a video.**

Note: Next to your phone's external lens is a **camera on indicator**. This can blink when your camera is on, to let people around you know that they might be in your photo or video.

Press > Multimedia > Video Camera to see the video viewfinder.



Note: The number of minutes remaining is an estimate.

Tip: If you want to send your video in a message, the video length must be set to **MMS**. To set length, press **Options** > **Video Camera Setup** > **Video Length**.

1 Press the *center key* ◆ to start recording the video in the viewfinder.

2 Press **Stop** to stop recording the video. You can:

- Press **Options** to preview, store, or discard the video.

  To play a stored video from the home screen, press ◆ > **Multimedia** > **Media Finder** > **Videos** > **All Videos** > *video name*.

- Press **Send** to send the video in a message.

  Enter text and press **Send To**, then scroll to a recipient address and press the *center key* ◆ to select it. Press **Options** to enter a new number. To send the message, press **Send**.

  Note: Some other phones or networks do not support messages with videos.

- Press C to discard the video and return to the active viewfinder.

play stored video clips

Find it: ◆ > **Multimedia** > **Media Finder** > **Videos** > **All Videos** > *video name*

- To **delete** a file, scroll to it in the list and press **Options** > **Manage** > **Delete**.

- To **copy or move** a file from your memory card (▯) to your phone memory (☎), scroll to it in the list and press **Options** > **Manage** > **Copy** or **Move** > **Memory Card**. You cannot copy or move some copyrighted files.

text messages

To create a group mailing list, see page 42. For more message features, see page 42.

send a text message

A text message can contain text and pictures, sounds, or other media objects. You can add multiple pages to a message, and you can put text and media objects on each page. You can send a message to other compatible phones or to email addresses.

Find it: ◆ > ✉ **Messages** > **Create Message** > **Message**

1 Press keypad keys to enter text on the page (for details about text entry, see page 26).

  To insert a **picture, sound, or other object** on the page, press **Options** > **Insert**. Select the file type and the file.

To insert **another page** in the message, enter text or objects on the current page and press **Options** > **Insert** > **New Page**. You can enter more text and objects on the new page.

2 When you finish the message, press **Send To**.

3 Scroll to a recipient and press the *center key* ●. Repeat to add other recipients.

To enter a **new** number or email address, press **Options** and select **Enter Number** or **Enter Email**.

4 To **send** the message, press **Send**.

receive a text message

When you receive a message, your phone plays an alert, and the display shows **New Message** with a message indicator, such as ✉. Press **Read** to open the message.

To see all of your text messages:

Find it: ✉ > **Message Inbox**

If a multimedia message contains media objects:

- Photos, pictures, and animations show as you read the message.
- A sound file plays when its slide shows. Use the volume keys to adjust the sound volume.
- Attached files are added to the end of the message. To open an attachment, scroll to the file indicator/file name and press **View** (images), **Play** (sounds), or **Open** (phonebook vCards, calendar vCalendar entries, or unknown file types).

sort and move text messages

You can sort and move your messages.

Find it: ● > ✉ **Message** > **Message Inbox**

Scroll to a message and press **Options**. Your options include:

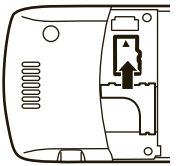
memory card

You can use a removable memory card with your phone to store and retrieve multimedia objects (such as photos and sounds).

Note: If you download a copyrighted file and store it on your memory card, you can use the file only while your memory card is inserted in your phone. You cannot send, copy, or change copyrighted files.

install or remove a memory card

1 Remove the battery door (see page 9).



2 **To install the memory card**, make sure the memory card's metal contacts are facing down, and slide the top of the memory card under the metal band.

To remove the memory card, slide it back out of the holder.

3 Replace the battery door.

see and change memory card information

To **see the files** stored on your memory card and on your phone, open a file list, such as **Pictures** (see page 19). Icons can indicate if a file is stored in your phone memory (☎) or on your memory card (). To copy or move a file from your phone to your memory card, highlight it in the list and press **Options** > **Manage** > **Copy** or **Move** > **Memory Card**. You cannot copy or move some copyrighted files.

To **copy files** between your memory card and a computer, you can use a cable connection (see page 23) or a Bluetooth® connection (see page 12).

To see your **memory card name, available memory,** and other information about the card:

Find it: ·◆· > **Settings** > **Phone Status** > **Storage Devices**

1 Press ·◆· to scroll to the memory card that is installed.

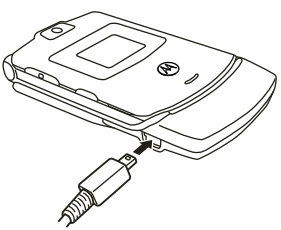
2 Press the *center key* ·◆· to see the memory card information. Your phone stores any content that you add, like ring tones or games, in *user memory*. Your service provider may store some content in user memory before you receive the phone.

or

Press **Options** to see the **Storage Device** menu, which lets you **Format** or **Rename** the memory card.

cable connections

Your phone has a mini-USB port so you can connect it to a computer to transfer data.



Note: Motorola Original USB data cables and supporting software may be sold separately. Check your computer or hand-held device to determine the type of cable you need.

TM

connect your memory card to a computer

You can use a cable connection to access your phone's memory card with a PC.

Note: When your phone is connected to a computer, you can only access the memory card through the computer.

On your phone:

Disconnect the cable from your phone, if it is connected, then press > Settings > Connection > USB Settings > Default Connection > Memory Card.

This directs the USB connection to your memory card.

Connect the cable to your phone and to an available USB port on your computer. Then follow these steps:

On your computer:

1. Open your "My Computer" window, where your phone's memory card appears as a "Removable Disk" icon.
2. Click on the "Removable Disk" icon to access the files on your phone's memory card.
3. To store the desired files onto the memory card, drag and drop them as follows:
   audio files: > mobile > audio
   screen savers: > mobile > picture
   wallpapers: > mobile > picture
   video clips: > mobile > video
4. When you finish, disconnect your phone by selecting the "Safely Remove Hardware" icon in the system tray at the bottom of your computer screen. Then disconnect the "USB Mass Storage Device."
5. Disconnect the cable from your phone and computer.

On your phone:

To return to Data as your USB default connection, press > Settings > Connection > USB Settings > Default Connection > Data Connection.

phone updates

Sometimes we think of ways to make your phone's software faster or more efficient after you've purchased your phone. You can find out if your phone can be updated at: **http://hellomoto.com/update**

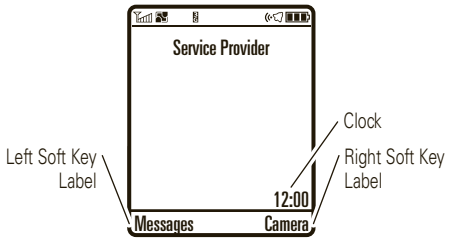
Note: Software updates do not affect your phonebook entries or other personal entries.

basics

See page 1 for a basic phone diagram.

display

The *home screen* appears when you turn on the phone.



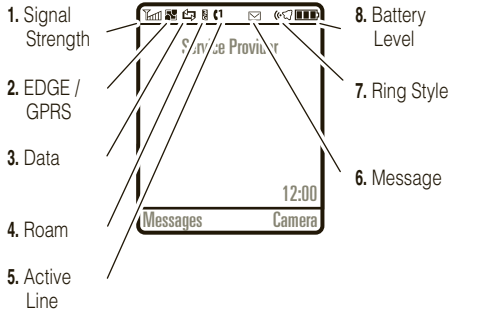
Note: Your home screen might look different from the one shown, depending on your service provider.

To dial a number from the home screen, press number keys and [⏻].

Press ·◌· up, down, left, or right in the home screen to open basic menu features.

Press the *center key* ·◆· to open the menu. *Soft key labels* show the current soft key functions. For soft key locations, see page 1.

Status indicators can show at the top of the home screen:



1 Signal Strength Indicator – Vertical bars show the strength of the network connection. You can't make or receive calls when 🝙 or 🝙⊘ appears.

2 EDGE/GPRS Indicator – Shows when your phone is using a high-speed *Enhanced Data for GSM Evolution* (EDGE) or *General Packet Radio*

Service (GPRS) network connection. Indicators can include:

GPRS available EDGE

GPRS active

3 **Data Indicator –** Shows connection status.

secure / unsecure packet data transfer

secure/unsecure application connection

secure/unsecure *Circuit Switch Data* (CSD) call

High-Speed Downlink Packet Access (HSDPA) data transfer

Bluetooth® connection is active

4 **Roam Indicator –** Shows when your phone is seeking or using a network outside your home network. Indicators can include:

5 **Active Line Indicator –** Shows to indicate an active call, or to indicate when call forwarding is on. Indicators for dual-line-enabled SIM cards can include:

line 1 active line 1 active, call forward on

line 2 active line 2 active, call forward on

When an alarm is activated, can show here.

6 **Message Indicator –** Shows when you receive a new message. Indicators can include:

text message voice message

IM message

7 **Ring Style Indicator –** Shows the ring style setting.

loud ring vibrate & ring

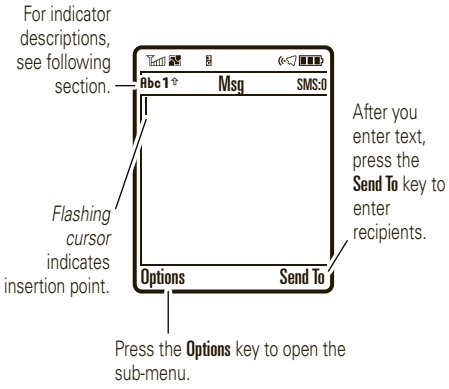
soft ring vibrate then ring

vibrate silent

8 **Battery Level Indicator –** Vertical bars show the battery charge level. Recharge the battery when your display shows **Low Battery**.

text entry

Some features let you enter text.


For indicator descriptions, see following section.
Abc 1
Msg
SMS:0
Options
Send To
After you enter text, press the Send To key to enter recipients.
Flashing cursor indicates insertion point.
Press the Options key to open the sub-menu.

Note: Your screen may look different.

Press # in a text entry view to select an entry mode:

entry modes	
1 or 1	Your **Primary** text entry mode can be set to any iTAP® 1 or tap 1 mode.
2 or 2	Your **Secondary** text entry mode can be set to any iTAP 2 or tap 2 mode, or set to **None** if you don't want a secondary entry mode.
123	**Numeric** mode enters numbers only.
@%	**Symbol** mode enters symbols only.

To set your primary and secondary text entry modes, press **Options** > **Text Setup** in a text entry view and select **Primary Text** or **Secondary Text**.

iTAP® and tap mode tips

- Press 0 in a text entry view to change text case to all capital letters (**ABC**), no capitals (**abc**), or next letter capital (**Abc**).
- To enter numbers quickly, press and hold a number key to temporarily switch to numeric mode. Press the

number keys to enter the numbers you want. Enter a space to change back to iTAP or Tap mode.

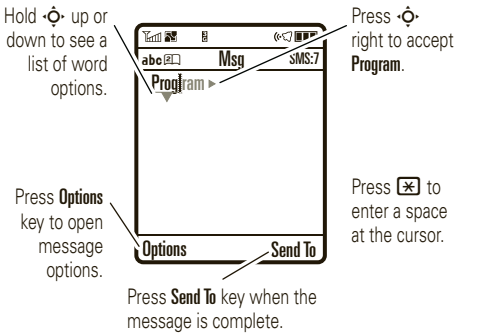
- Press 1 to enter punctuation or other characters.
- Press ·Ô· to move the flashing cursor to enter or edit message text.
- Press C to delete the character to the left of the cursor. Hold C to delete the word.
- To cancel your message, press ⏻.

iTAP® mode

Press # in a text entry view to switch to iTAP mode. If you don't see 1📖 or 2📖, press **Options** > **Text Setup** to set iTAP mode as your primary or secondary text entry mode.

iTAP mode lets you enter words using one keypress per letter. The iTAP software combines your keypresses into common words and predicts each word as you enter it.

For example, if you press 7 7 6 4, your display shows:


Hold ·Ô· up or down to see a list of word options.
Press ·Ô· right to accept **Program**.
abc
Msg
SMS:7
Program
Press **Options** key to open message options.
Press * to enter a space at the cursor.
Options
Send To
Press **Send To** key when the message is complete.

If you want a different word (such as **Progress**), continue pressing keypad keys to enter the remaining letters.

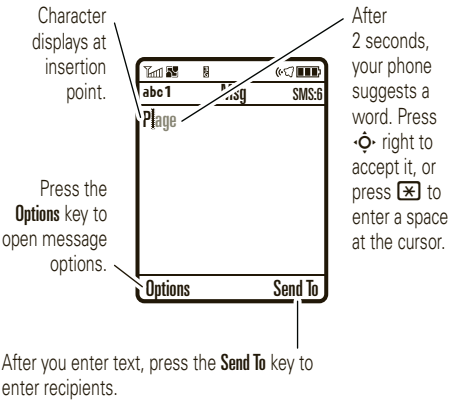
Tip: Don't worry if you forget how iTAP works. In a text entry display, you can press **Options** > **Text Setup** > **Text Tutorial** to see an explanation.

tap and tap extended modes

Press # in a text entry view to switch to tap mode. If you don't see **Abc 1** or **Abc 2**, press **Options** > **Text Setup** to set tap mode as your primary or secondary text entry mode.

To enter text in **Tap** mode, press a keypad key repeatedly to cycle through the letters and number on the key. Repeat this step to enter each letter. The **Tap Extended** mode works the same way, but includes more special characters and symbols.

For example, if you press 7 one time, your display shows:


Character displays at insertion point.
After 2 seconds, your phone suggests a word. Press right to accept it, or press * to enter a space at the cursor.
Press the Options key to open message options.
abc1
SMS:6
Plage
Options
Send To
After you enter text, press the Send To key to enter recipients.

The first character of every sentence is capitalized. If necessary, press down to change the character to lowercase before the cursor moves to the next position.

numeric mode

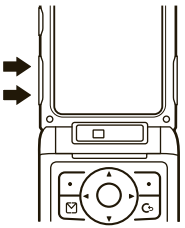
Press # in a text entry view until you see **123**. Press the number keys to enter the numbers you want.

Shortcut: You can press and hold a number key to temporarily switch to numeric mode from iTAP® or Tap modes. Press the number keys to enter the numbers you want. Enter a space to change back to iTAP mode.

symbol mode

Press # in a text entry view until your display shows a list of symbols. Scroll to the symbol you want, then press the *center key* ·●·.

volume



Press the volume keys to:

- turn off an incoming call alert
- change the earpiece volume during calls
- change the ringer volume from the home screen

  Tip: Sometimes silence really is golden. That's why you can quickly set your ringer to **Vibrate** or **Silent** by holding the down volume key while you are in the home screen. You can also switch to **Silent** or back by holding # in the home screen.

To change your ringer volume when your phone is closed, see page 29.

navigation key

Press the *navigation key* ·○· up, down, left, or right to scroll to items in the display. When you scroll to an item, press the *center key* ·●· to select it.

smart key

The smart key gives you another way to do things. For example, when you scroll to a menu item, you can press the smart key to select it (instead of pressing the *center key* ·●·). The smart key usually does the same thing as pressing the *center key* ·●·. To find the smart key, see page 1. To change what the smart key does in the home screen, see page 33.

external display

When you close your phone, the external display shows the date, status indicators, and notifications for incoming calls and other events. For a list of phone status indicators, see page 24.

set phone ring style in external display

1 Press a volume key to see **Ring Styles**.

2 Press the smart key repeatedly, until the style you want appears.

3 Press a volume key to return to the home screen.

handsfree speaker

You can use your phone's handsfree speaker to make calls without holding the phone to your ear.

To turn the handsfree speaker on during a call, press **Speaker**.

Note: The handsfree speaker won't work when your phone is connected to a handsfree car kit or headset.

codes & passwords

Your phone's four-digit **unlock code** is originally set to **1234**. The six-digit **security code** is originally set to **000000**. If your service provider didn't change these codes, you should change them:

Find it: ‹●› > Settings > Security > New Passwords

You can also change your **SIM PIN** or call barring passwords.

If you forget your unlock code: At the **Enter Unlock Code** prompt, try entering 1234 or the last four digits of your phone number. If that doesn't work, press ‹●› and enter your six-digit security code instead.

If you forget other codes: If you forget your security code, SIM PIN code, PIN2 code, or call barring password, contact your service provider.

lock & unlock phone

You can lock your phone to keep others from using it. To lock or unlock your phone, you need the four-digit unlock code.

To **manually lock** your phone:
Press ‹●› > Settings > Security > Phone Lock > Lock Now.

To **automatically lock** your phone whenever you turn it off:
Press ‹●› > Settings > Security > Phone Lock > Automatic Lock > On.

Note: You can make emergency calls on a locked phone (see page 36). A locked phone still rings or vibrates for incoming calls or messages, **but you need to unlock it to answer**.

customize

ring style

Each ring style profile uses a different set of sounds or vibrations for incoming calls and other events. Here are the profiles you can choose:

Loud	Vibe & Ring
Soft	Vibe then Ring
Vibrate	Silent

The ring style profile's indicator appears at the top of your home screen. To choose your profile:

Find it: > Settings > Ring Styles > Style: *style name*

Shortcut: To change your ring style profile from the **home screen**, just press the volume keys up or down. With your **phone closed**, press a volume key to see your ring style profile, press the smart key to change it, then press a volume key to store the change.

Tip: Do you get a lot of text messages? If you don't want to hear incoming message alerts during phone calls, press > Settings > In-Call Setup > MSG Alert > Not in Call.

change alerts in a ring style

You can change the alerts for incoming calls and other events. Your changes are saved in the current ring style profile.

Find it: > Settings > Ring Styles > *style* Detail

Note: *Style* represents the current ring style. You can't set an alert for the Silent ring style setting.

1 Scroll to the alert you want, then press the *center key* .

2 Press Back to save the alert setting.

time & date

Your phone can automatically update your time zone, time, and date. It uses the time and date for the calendar.

To **synchronize** the time zone, time, and date with the network: Press > Settings > Initial Setup > Time and Date > Autoupdate > Time & Time Zone. If you don't want your phone to automatically update your time zone and date, choose Time Only instead.

To **manually** set the time zone, time, and date, turn off Autoupdate, then: Press > Settings > Initial Setup > Time and Date > Time Zone, *time* or *date*. To jump to a city in the time zone

list, enter the first letter of its name by pressing keypad keys.

Tip: To choose three time zones for easier access, press > Tools > World Clock. When you open World Clock, you can press Options to see the Map View of time zones.

To choose an **analog or digital** clock for your home screen, press > Settings > Personalize > Home Screen > Clock.

wallpaper

Set a photo, picture, or animation as a wallpaper (background) image in your home screen.

Note: Your *theme* can also set your wallpaper (page 32).

Find it: > Settings > Personalize > Wallpaper

options	
Picture	Press up or down to select a picture, or select None for no wallpaper.
Layout	Select Center to center the image in the display, Tile to repeat the image across the display, or Fit-to-screen to stretch the image across the display.

screen saver

Set a photo, picture, or animation as a screen saver. The screen saver appears when the flip is open and no activity is detected for a specified time.

Note: Your *theme* can also set your screen saver (page 32).

Tip: To extend battery life, turn off the screen saver.

Find it: > Settings > Personalize > Screen Saver

options	
Picture	Press up or down to select a picture or animation, or select None for no screen saver.
Delay	Select the length of inactivity before the screen saver appears.

themes

A *phone theme* is a group of image and sound files that you can apply to your phone. Most themes include a wallpaper image, screen saver image, and ring tone. Your phone may come with some themes, and you can download more.

To **apply** a theme, press > Multimedia > Themes > *theme*.

To **delete themes you downloaded**, press > Multimedia > Themes, scroll to the theme, and press Options > Delete or Delete All.

To **preview** a theme, press > Multimedia > Themes, scroll to the theme, and press Options > Preview.

display appearance

To choose a phone **skin** that sets your phone's display: Press > Settings > Personalize > Skin. Your *theme* can also set your phone skin (page 32).

To set your display **brightness**: Press > Settings > Initial Setup > Brightness.

To save battery life, your keypad **backlight** turns off when you're not using your phone. The backlight turns on when you open the flip or press any key. To set how long your phone waits before the backlight turns off:

Press > Settings > Initial Setup > Backlight.

To save battery life, the **display** can turn off when you're not using your phone. The display turns back on when you open the flip or press any key. To set how long your phone waits before the display turns off:

Press > Settings > Initial Setup > Display Timeout.

shortcuts and main menu

home screen shortcuts

In the home screen, you can press the navigation key, soft keys, or smart key as **shortcuts** to your favorite features. You can change the features that these keys open. For key locations, see page 1.

Find it: > Settings > Personalize > Home Screen > Home Keys

options	
Icons	Show or hide your navigation key shortcut icons in the home screen.
Up, Down, Left, Right	Choose the features that open when you press the navigation key up, down, left, or right in the home screen.
Left Soft Key	Choose the feature that opens when you press the *left soft key* in the home screen.

options	
Right Soft Key	Choose the feature that opens when you press the *right soft key* in the home screen.
Smart Key	Choose the feature that opens when you press the *smart key* in the home screen.

main menu appearance

To make your **main menu appearance** either graphic icons or a text-based list, press ⊕ > Settings > Personalize > Main Menu > View > Icons or List.

To change your **main menu order**, press ⊕ > Settings > Personalize > Main Menu > Reorder.

answer options

You can use different ways to answer an incoming call. To turn on or turn off an answer option:

Find it: ⊕ > Settings > In-Call Setup > Answer Options

Multi-Key	Answer by pressing any key.
Open to Answer	Answer by opening the flip.

calls

To make and answer calls, see page 10.

turn off a call alert

You can press the volume keys to turn off a call alert before answering the call.

recent calls

Your phone keeps lists of incoming and outgoing calls, even for calls that didn't connect. The most recent calls are listed first. The oldest calls are deleted as new calls are added.

Shortcut: Press ⊙ from the home screen to see a list of dialed calls.

Find it: ⊕ > Recent Calls, then press * or # to switch to Dialed Calls, Received Calls, or Missed Calls

Scroll to a call. A ✓ next to a call means the call connected.

- To call the number, press ⊙.
- To see call details (like time and date), press the *center key* ⊕.

- To see the **Last Calls Menu**, press **Options**. This menu can include:

options	
Store	Create a phonebook entry with the number in the **No.** field. **Store** does not appear if the number is already stored.
Delete	Delete the entry.
Delete All	Delete all entries in the list.
Hide ID / Show ID	Hide or show your caller ID for the next call.
Send Message	Open a new text message with the number in the **To** field.
Send Voice Msg	Record and send a voice message to the number.
Add Digits	Add digits after the number.
Attach Number	Attach a number from the phonebook or recent calls lists.
Filter by	Select all, dialed, received, or missed calls.
Notepad	Open the number in a text editor.
Call Times	Open your call time information.
Call Cost	Open your call cost information.

redial

1 Press ⊙ from the home screen to see a list of recent calls.

2 Scroll to the entry you want to call, then press ⊙.

If you hear a **busy signal**, and you see **Call Failed**, you can press ⊙ or **Retry** to redial the number. When the call goes through, your phone rings or vibrates one time, shows **Redial Successful**, and connects the call.

return a call

Your phone keeps a record of your unanswered calls, and shows **X Missed Calls**, where **X** is the number of missed calls.

1 Press **View** to see the received calls list.

2 Scroll to the call you want to return, then press .

caller ID

Calling line identification (caller ID) shows the phone number for an incoming call in your external and internal displays.

Your phone shows the caller's name and picture when they're stored in your phonebook, or **Incoming Call** when caller ID information isn't available.

You can set your phone to play a different ringer ID for an entry stored in your phonebook (see page 41).

To show or hide **your phone number** from the next person you call, enter the phone number and press **Options** > **Hide ID/Show ID**.

emergency calls

Your service provider programs one or more emergency phone numbers, such as 911 or 112, that you can call under any circumstances, even when your phone is locked or the SIM card is not inserted.

Note: Emergency numbers vary by country. Your phone's preprogrammed emergency number(s) may not work in all locations, and sometimes an emergency call cannot be placed due to network, environmental, or interference issues.

1 Press the keypad keys to dial the emergency number.

2 Press to call the emergency number.

voicemail

Your network stores the voicemail messages you receive. To listen to your messages, call your voicemail number.

Note: Your service provider may include additional information about voicemail.

When you **receive** a voicemail message, your phone shows the voicemail message indicator and **New Voicemail**. Press **Call** to listen to the message.

To **check** voicemail messages:

Find it: > **Messages** > **Voicemail**

Your phone may prompt you to store your voicemail phone number. If you don't know your voicemail number, contact your service provider.

Tip: To open a list of your **Missed Calls**, see page 34.

other features

advancedcalling

features

voice dial a number not stored in the phonebook (digit dial)

Press and hold ⏲.

When prompted, say "**digit dial**" (within two seconds). When prompted again, say the digits you want to dial (within two seconds per digit).

Your phone recognizes the digits you want. To voice dial a phonebook entry, see page 40.

adapt your voice dial

You can improve voice dial operations by training the phone to recognize your voice.

◆ > Settings > Personalize > Voice Dial Setup > Adapt digits

attach a phone number

Dial an area code or prefix for a phonebook number, then press Options > Attach Number.

features

notepad

◆ > Recent Calls, press Options, then > Notepad

- To call the number, press ⏲.
- To create a phonebook entry with the number in the No. field, press Store.
- To open the Dialing Menu to attach a number or insert a special character, press Options.

international calls

If your phone service includes international dialing, press and hold 0 to insert your local international access code (indicated by +). Then, press the keypad keys to dial the country code and phone number.

hold a call

Press Options > Hold to put all active calls on hold.

mute a call

Press Options > Mute to put all active calls on mute.

features

call waiting

When you're on a call, you'll hear an alert if you receive a second call.

Press ⊙ to answer the new call.

- To switch between calls, press **Switch**.
- To connect the two calls, press **Options** > **Link**.
- To end the call on hold, press **Options** > **End Call On Hold**.

To turn the call waiting feature on or off:

◆ > **Settings** > **In-Call Setup** > **Call Waiting** > **On** or **Off**

conference call

During a call:

Dial the next number, press ⊙, and press **Options** > **Link**.

transfer a call

During a call:

Options > **Transfer**, dial transfer number, press ⊙

features

automatic call forwarding

Set up or cancel automatic call forwarding:

◆ > **Settings** > **Call Forward**

Choose **Voice Calls** or **Video Calls** to set up forwarding, or **Cancel All** to cancel forwarding.

You can set how long your phone waits before it forwards a call (**5**, **10**, **15**, **20**, or **25** seconds).

manual call forwarding

You can set your phone to forward an incoming call only when you press a key.

To set the number where your phone forwards the calls:

◆ > **Settings** > **Call Forward** > **Push to Call Fwd No.**, and enter the phone number

To choose which key you press to forward incoming calls:

◆ > **Settings** > **Personalize** > **Home Screen** > **Home Keys**, select one of the key presses in the list, and then select **Push to Call Forward**

features

restrict calls

Restrict outgoing or incoming calls:

> Settings > Security > Restrict Calls

Tell your phone to allow **Outgoing** or **Incoming** messages.

TTY calls

Set up your phone for use with an optional TTY device:

> Settings > Initial Setup > TTY Setup

fixed dial

When you turn on fixed dialing, you can call only numbers stored in the fixed dial list.

Turn fixed dialing on or off:

> Settings > Security > Fixed Dial

Use the fixed dial list:

> Tools > Dialing Services > Fixed Dial

features

quick dial

Dial preprogrammed phone numbers:

> Tools > Dialing Services > Quick Dial

DTMF tones

Activate DTMF tones:

> Settings > Initial Setup > DTMF

When you dial a number, your phone sends it to your network as *Dual Tone Multi Frequency* (DTMF) tones.

To send DTMF tones during a call, just press number keys or scroll to a number in the phonebook or recent calls lists and press **Options** > **Send Tones**.

phonebook

To store and call phonebook entries, see page 10.

features
voice dial a phonebook entry (name dial) Voice dial a number stored in the phonebook: Press and hold ⊙. When prompted, say "**name dial**" (within two seconds). When prompted again, say the entry's name (within two seconds). Your phone matches your voice to a phonebook entry name. To voice dial a number not stored in the phonebook, see page 37.

features
assign a speed dial key to a phonebook entry You can assign the keys 1 through 9 to phonebook entries. Then, when you press and hold a key, your phone calls the entry. **Note:** Your service provider might assign some keys, such as 1 for your voicemail number. Press ⊙ > Phonebook and scroll to the phonebook entry. Then, press Options > Add to Speed Dial and pick a speed dial key.
use the speed dial key for a phonebook entry To **use a speed dial key** that you assigned to a phonebook entry, just press and hold the key while in your home screen.
edit your speed dial keys ⊙ > Phonebook > Options > Add to Speed Dial

features

edit or delete a phonebook entry

Edit a number stored in the phonebook:

› Phonebook, scroll to the phonebook entry, and press Options. You can select Edit Contact, Delete Contact, or other options.

Shortcut: In the phonebook, press keypad keys to enter the first letters of an entry you want. You can also press * and # to see the entries in other categories.

set ringer ID for a phonebook entry

Assign a ring alert (ringer ID) to an entry:

› Phonebook > *entry*, then press Options > Edit Contact > Ringer ID > *ringer name*

Note: The Ringer ID option isn't available for entries stored on the SIM card. To copy an entry from SIM to phone memory, see page 42.

To activate ringer IDs:

› Settings > Ring Styles > *style* Detail > Ringer IDs > On

features

set category for a phonebook entry

› Phonebook > *entry*, then press Options > Edit Contact > Category > *category name*

Note: The Category option isn't available for entries stored on the SIM card. To copy an entry from SIM to phone memory, see page 42.

When you open your phonebook, press * or # to see your categories.

set category view for phonebook

› Phonebook, then press Options > Filter by > Category > *category name*

You can show All entries, entries in a predefined category (Business, Personal, General, Mobile), or entries in a category you create.

features
create group mailing list You can put several phonebook entries in a group mailing list, then send a message to the list. To create a list: › Phonebook, then press Options > Create New > Message List **Note:** A Message List cannot include entries stored on the SIM card. To copy an entry from SIM to phone memory, see page 42.
sort phonebook list Set the order in which entries are listed: › Phonebook, then press Options > Setup > Sort by > First Name or Last Name
copy one phonebook entry Copy an entry from the phone to the SIM card, or from the SIM card to the phone: › Phonebook, scroll to the entry, press Options > Copy to SIM Card or Copy to Phone

messages

For basic text message features, see page 20.

Your phone reads message settings from the USIM card. If you put another USIM card in your phone, your phone sends and receives messages for the phone number on the new card.

features
send email **Note:** › Messages > Email Msgs > Create Email
send voice message › Messages > Create Message > New Voice Msg To record the voice message, press Record, speak, then press Stop. Your phone inserts the voice recording into a message and lets you enter email addresses or phone numbers of the recipients.
use a message template › Messages > Templates > Text Templates or Multimedia Templates Select a template to create a new message based on the template.

features

read and manage messages

> Messages > Message Inbox

Icons next to each message indicate if it is read or unread .

To **Reply**, **Forward**, **Lock**, or **Delete** a message, scroll to it and press **Options**.

To open a message, press . Then, you can press **Options** to use or store any phone numbers, email addresses, Web sites, or files in the message.

read and manage email

> Messages > Email Msgs

To **Reply**, **Forward**, **Lock**, or **Delete** a message, scroll to it and press **Options**.

To open a message, press . Then, you can press **Options** to use or store any phone numbers, email addresses, Web sites, or files in the message.

features

print message over Bluetooth® connection

You can use a Bluetooth wireless connection to send a message from your phone to a printer.

> Messages > Message Inbox, Email Msgs, Outbox, or Drafts

Scroll to the message you want to print and press **Options** > **Print**.

You cannot print message **Templates**. For more about Bluetooth connections, see page 11.

store text messages on your SIM card

To store incoming text messages on your SIM card, press:

> Messages > Options > Setup > Message Setup > Text Msg Setup > Default Storage > SIM Card

features
language Set menu language: › Settings > Initial Setup > Language
scroll Set the scroll bar to Up/Down or Wrap Around in menu lists: › Settings > Initial Setup > Scroll
text marquee Set the speed for scrolling text in your display: › Settings > Initial Setup > Text Marquee
activate ringer IDs Activate ringer IDs assigned to phonebook entries and categories: › Settings > Ring Styles > *style* Detail > Ringer IDs

features
master reset Reset all options **except** unlock code, security code, and lifetime timer: › Settings > Initial Setup > Master Reset
master clear **Caution:** Master clear **erases all information you have entered** (including phonebook and calendar entries) **and content you have downloaded** (including photos and sounds) stored in your phone's memory. After you erase the information, you can't recover it. › Settings > Initial Setup > Master Clear

call times & costs

Network connection time is the elapsed time from the moment you connect to your service provider's network to the moment you end the call by pressing . This time includes busy signals and ringing.

The amount of network connection time you track on your resettable timer may not equal the amount of

time for which you are billed by your service provider. For billing information, contact your service provider.

features
call times Show call timers: > Recent Calls, press Options, then > Call Times
in-call timer Show time or cost information during a call: > Settings > In-Call Setup > In-Call Timer
in-call date and time display Show the current date and time during voice calls: > Settings > In-Call Setup > Date and Time
call cost Show call cost trackers: > Recent Calls, press Options, then > Call Cost

handsfree

Note: The use of wireless phones while driving may cause distraction. Discontinue a call if you can't concentrate on driving. Additionally, the use of wireless devices and their accessories may be prohibited or restricted in certain areas. Always obey the laws and regulations on the use of these products.

features
speakerphone Activate the speakerphone during a call: Press Speaker.
auto answer (car kit or headset) Automatically answer calls when connected to a car kit or headset: > Settings > Car Settings or Headset > Auto Answer
voice dial (headset) Enable voice dial with headset send/end key: > Settings > Headset > Voice Dial

features
auto handsfree (car kit) Automatically route calls to a car kit when connected: › Settings > Car Settings > Auto Handsfree

network

features
network settings See network information and adjust network settings: › Settings > Network

personal organizer

features
set alarm › Alarm Clock

features
turn off alarm When an alarm happens: To turn off the alarm, press Disable or . To set an eight-minute delay, press Snooze. **Note:** Snooze is available only if the phone is already powered on when the alarm sounds.
add new calendar event Your calendar can store events (with a start and end time that can repeat). › Tools > Calendar, scroll to the day, press ›, press Options > Create New Event
see calendar event See or edit event details: › Tools > Calendar, scroll to the day, press › **Tip:** Keeping up with life can be tough work. To see a list of your upcoming events, open the calendar and press Options > View > Organized Events.

features

change calendar settings

> Tools > Calendar, then press Options > Setup

You can choose the Default View that appears when you open your calendar, and you can show or hide the Tasks On Day View. You can tell your phone to Power On if it is turned off when a calendar alert occurs.

event reminder

When an event reminder happens:
To see reminder details, press View.
To close the reminder, press Back.

create voice record

> Multimedia > Voice Record

Press . When prompted, speak into the phone.

Note: Recording phone calls is subject to varying state and federal laws regarding privacy and recording of conversations. Always obey the laws and regulations on the use of this feature.

features

play voice record

Play back a voice record:

> Multimedia > Media Finder > Voice Record > All Voice Records, scroll to the voice record, and press the *center key*

calculator

> Tools > Calculator

currency converter

> Tools > Calculator, then press Options > Exchange Rate

Enter exchange rate, press OK, enter amount, and press Options > Convert Currency.

security

features
SIM PIN **Caution:** If you enter an incorrect PIN code three times before the correct code, your SIM card is disabled and your display shows **SIM Blocked**. Lock or unlock the SIM card: > Settings > Security > SIM PIN
lock feature > Settings > Security > Lock Application

fun & games

Note: Icons next to a picture, sound, or other object can indicate if the file is locked (), or if it is stored on your phone or on your memory card ().

For basic information on the camera, see page 17.

features
start micro-browser Just press . Your phone reads micro-browser settings from the USIM card. When you remove the USIM card, your phone clears the browser cache. To edit your settings, press > Web Access > Web Sessions.
Web sessions A *Web Session* stores settings that your phone uses to access the Internet. To select or create a Web session: > Web Access > Web Sessions
clear micro-browser history Clear the micro-browser's history, cache, or cookies: > Web Access > Browser Setup > Clear History, Reset Cache, Preferences, or Clear Cookies

features

download game or application

You can download a Java™ game or application the same way you download pictures or other objects:

Press ⊕, go to the page that links to the file, scroll to the link, and select it.

airplane mode

You can switch your phone to airplane mode to prevent it from communicating with the network. This lets you use games or other applications while you are on an airplane, without interfering with airplane communications.

Note: Your phone cannot make Bluetooth® connections when **Airplane Mode** is on.

> **Settings** > **Airplane Mode** > **Airplane Mode** > **On**

You can make the airplane mode option appear whenever you turn on your phone:

> **Settings** > **Airplane Mode** > **Prompt At Startup** > **On**

service and repairs

If you have questions or need assistance, we're here to help.

Go to **www.motorola.com**, where you can select from a number of customer care options. You can also contact the Motorola Customer Support Center at 1-800-331-6456 (United States), 1-888-390-6456 (TTY/TDD United States for hearing impaired), or 1-800-461-4575 (Canada).

Legal, Safety & Regulatory

Battery Use & Safety

Important: Handle and store batteries properly to avoid injury or damage. Most battery issues arise from improper handling of batteries, and particularly from the continued use of damaged batteries.

DON'Ts

- **Don't disassemble, crush, puncture, shred, or otherwise attempt to change the form of your battery.**
- **Don't let the phone or battery come in contact with water.** Water can get into the phone's circuits, leading to corrosion. If the phone and/or battery get wet, have them checked by your carrier or contact Motorola, even if they appear to be working properly.
- **Don't allow the battery to touch metal objects.** If metal objects, such as jewelry, stay in prolonged contact with the battery contact points, the battery could become very hot.
- **Don't place your battery near a heat source.** Excessive heat can damage the phone or the battery. High temperatures can cause the battery to swell, leak, or malfunction. Therefore:
- Do **not** dry a wet or damp battery with an appliance or heat source, such as a hair dryer or microwave oven.
- Avoid leaving your phone in your car in high temperatures.

DOs

- **Do avoid dropping the battery or phone.** Dropping these items, especially on a hard surface, can potentially cause damage.
- **Do contact your service provider or Motorola if your phone or battery has been damaged from dropping or high temperatures.**

Important: Use Motorola Original products for quality assurance and safeguards. To aid consumers in identifying authentic Motorola batteries from non-original or counterfeit batteries (that may not have adequate safety protection), Motorola provides holograms on its batteries. Consumers should confirm that any battery they purchase has a "Motorola Original" hologram.

Motorola recommends you always use Motorola-branded batteries and chargers. Motorola mobile devices are designed to work with Motorola batteries. If you see a message on your display such as **Invalid Battery** or **Unable to Charge**, take the following steps:

Remove the battery and inspect it to confirm that it has a "Motorola Original" hologram;

If there is no hologram, the battery is not a Motorola battery;

If there is a hologram, replace the battery and retry charging it;

If the message remains, contact a Motorola authorized service center.

Important: Motorola's warranty does not cover damage to the phone caused by non-Motorola batteries and/or chargers.

Use of a non-Motorola battery or charger may present a risk of fire, explosion, leakage, or other hazard.

Proper and safe battery disposal and recycling: Proper battery disposal is not only important for safety, it benefits the environment. Consumers may recycle their used batteries in many retail or service provider locations. Additional information on proper disposal and recycling may be found on the Web:

- **www.motorola.com/recycling**
- **www.rbrc.org/call2recycle/** (in English only)

Disposal: Promptly dispose of used batteries in accordance with local regulations. Contact your local recycling center or national recycling organizations for more information on how to dispose of batteries.

Warning: Never dispose of batteries in a fire because they may explode.

Battery Charging

Notes for charging your phone's battery:

- When charging your battery, keep it near room temperature. Never expose batteries to temperatures below 0°C (32°F) or above 45°C (113°F) when charging.
- New batteries are not fully charged.
- New batteries or batteries stored for a long time may take more time to charge.
- Motorola batteries and charging systems have circuitry that protects the battery from damage from overcharging.

Specific Absorption Rate (IEEE)

Your model wireless phone meets the governmental requirements for exposure to radio waves.

Your mobile device is a radio transmitter and receiver. It is designed and manufactured to not exceed limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government and by the Canadian regulatory authorities. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed for the safety of all persons, regardless of age or health, and to account for any variations in measurements.

The exposure standard for mobile devices employs a unit of measurement known as the Specific Absorption Rate (SAR). The IEEE SAR limit set by the FCC and by the Canadian regulatory authorities is 1.6 watts per kilogram (W/kg), averaged over one gram of tissue. Tests for SAR are conducted using procedures accepted by the FCC and by Industry Canada with the mobile device transmitting at its highest certified power level in all tested frequencies. Although the SAR is determined at the highest certified power level, the actual SAR level of the mobile device while operating can be below the maximum value. This is because the mobile device is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station, the lower the power output.

Before a mobile device is available for sale to the public in the U.S. and Canada, it must be tested and certified to the FCC and Industry Canada that it does not exceed the limit established by each government for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) submitted to the FCC and available for review by Industry Canada. The highest SAR value for this mobile device when tested for use at the ear is 0.71 W/kg, and when worn on the body, as described in this guide, is 1.21 W/kg. The SAR value for this mobile device in its data transmission mode (body-worn use) is 0.62 W/kg. Body-worn measurements can differ, depending upon available accessories and regulatory requirements. The SAR information includes the Motorola testing protocol, assessment procedure, and measurement uncertainty range for this product.

While there may be differences between the SAR levels of various mobile devices and at various positions, they meet the governmental requirements for safe exposure. Please note that improvements to this product model could cause differences in the SAR value for later products; in all cases, products are designed to be within the guidelines.

Additional information on SAR can be found on the Cellular Telecommunications & Internet Association (CTIA) Web site:

http://www.phonefacts.net

or the Canadian Wireless Telecommunications Association (CWTA) Web site:

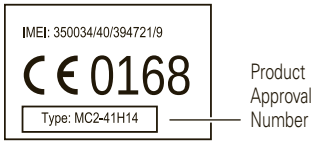
http://www.cwta.ca

European Union Directives Conformance Statement

Hereby, Motorola declares that this product is in compliance with:

- The essential requirements and other relevant provisions of Directive 1999/5/EC
- All other relevant EU Directives

CE



The above gives an example of a typical Product Approval Number.

You can view your product's Declaration of Conformity (DoC) to Directive 1999/5/EC (to R&TTE Directive) at **www.motorola.com/rtte**. To find your DoC, enter the Product Approval Number from your product's label in the "Search" bar on the Web site.

Software Copyright Notice

Motorola products may include copyrighted Motorola and third-party software stored in semiconductor memories or other media. Laws in the United States and other countries preserve for Motorola and third-party software providers certain exclusive rights for copyrighted software, such as the exclusive rights to distribute or reproduce the copyrighted software. Accordingly, any copyrighted software contained in Motorola products may not be modified, reverse-engineered, distributed, or reproduced in any manner to the extent allowed by law. Furthermore, the purchase of Motorola products shall not be deemed to grant either directly or by implication, estoppel, or otherwise, any license under the copyrights, patents, or patent applications of Motorola or any third-party software provider, except for the normal, non-exclusive, royalty-free license to use that arises by operation of law in the sale of a product.

Content Copyright

The unauthorized copying of copyrighted materials is contrary to the provisions of the Copyright Laws of the United States and other countries. This device is intended solely for copying non-copyrighted materials, materials in which you own the copyright, or materials which you are authorized or legally permitted to copy. If you are uncertain about your right to copy any material, please contact your legal advisor.

AGPS & Emergency Calls

When you make an emergency call, your mobile device can use *Assisted Global Positioning System* (AGPS) satellite signals to tell the emergency response center your approximate location.

The AGPS feature has limitations, so always tell the emergency response center your best knowledge of your location. Remain on the phone for as long as the emergency response center instructs you.

AGPS **might not work** for emergency calls, if your local emergency response center does not process AGPS location information. For details, contact your local authorities.

If your mobile device cannot find strong AGPS satellite signals, the location of the nearest cell tower in contact with your mobile device is automatically provided to the emergency response center.

AGPS Performance Tips

- Go outside and away from underground locations, covered vehicles, structures with metal or concrete roofs, tall buildings, and foliage. Indoor performance might improve if you move closer to windows, but some window sun shielding films can block satellite signals.
- Move away from radios, entertainment equipment, and other electronic devices that might interfere with or block AGPS satellite signals.

AGPS uses satellites controlled by the U.S. government and subject to changes implemented in accordance with the Department of Defense AGPS user policy and the Federal Radio Navigation Plan. These changes might affect AGPS performance.

Safety & General Information

This section contains important information on the safe and efficient operation of your mobile device. Read this information before using your mobile device.

Exposure to Radio Frequency (RF) Energy

Your mobile device contains a transmitter and receiver. When it is ON, it receives and transmits RF energy. When you communicate with your mobile device, the system handling your call controls the power level at which your mobile device transmits.

Your mobile device is designed to comply with local regulatory requirements in your country concerning exposure of human beings to RF energy.

Operational Precautions

For optimal mobile device performance, and to be sure that human exposure to RF energy does not exceed the guidelines set forth in the relevant standards, always follow these instructions and precautions.

Product Operation

When placing or receiving a phone call, hold your mobile device just like you would a landline phone.

If you wear the mobile device on your body, always place the mobile device in a Motorola-supplied or approved clip, holder, holster, case, or body harness. If you do not use a body-worn accessory supplied or approved by Motorola, keep the mobile device and its antenna at least 2.5 centimeters (1 inch) from your body when transmitting.

Using accessories not supplied or approved by Motorola may cause your mobile device to exceed RF energy exposure guidelines. For a list of Motorola-supplied or approved accessories, visit our Web site at: **www.motorola.com**.

RF Energy Interference/Compatibility

Nearly every electronic device is subject to RF energy interference from external sources if inadequately shielded, designed, or otherwise configured for RF energy compatibility. In some circumstances, your mobile device may cause interference with other devices.

Follow Instructions to Avoid Interference Problems

Turn off your mobile device in any location where posted notices instruct you to do so.

In an aircraft, turn off your mobile device whenever instructed to do so by airline staff. If your mobile device offers an airplane mode or similar feature, consult airline staff about using it in flight.

Implantable Medical Devices

If you have an implantable medical device, such as a pacemaker or defibrillator, consult your physician before using this mobile device.

Persons with implantable medical devices should observe the following precautions:

- ALWAYS keep the mobile device more than 20 centimeters (8 inches) from the implantable medical device when the mobile device is turned ON.
- DO NOT carry the mobile device in the breast pocket.
- Use the ear opposite the implantable medical device to minimize the potential for interference.
- Turn OFF the mobile device immediately if you have any reason to suspect that interference is taking place.

Read and follow the directions from the manufacturer of your implantable medical device. If you have any questions about using your mobile device with your implantable medical device, consult your healthcare provider.

Driving Precautions

The use of wireless phones while driving may cause distraction. Discontinue a call if you can't concentrate on driving.

Additionally, the use of wireless devices and their accessories may be prohibited or restricted in certain areas. Always obey the laws and regulations on the use of these products.

Responsible driving practices can be found in "Smart Practices While Driving."

Operational Warnings

Obey all posted signs when using mobile devices in public areas.

Potentially Explosive Atmospheres

Areas with potentially explosive atmospheres are often, but not always, posted and can include fueling areas, such as below decks on boats, fuel or chemical transfer or storage facilities, or areas where the air contains chemicals or particles, such as grain dust, or metal powders.

When you are in such an area, turn off your mobile device, and do not remove, install, or charge batteries. In such areas, sparks can occur and cause an explosion or fire.

Symbol Key

Your battery, charger, or mobile device may contain symbols, defined as follows:

Symbol	Definition
	Important safety information follows.
	Do not dispose of your battery or mobile device in a fire.
	Your battery or mobile device may require recycling in accordance with local laws. Contact your local regulatory authorities for more information.
	Do not throw your battery or mobile device in the trash.
	Do not let your battery, charger, or mobile device get wet.
	Listening at full volume to music or voice through a headset may damage your hearing.

Batteries & Chargers

Caution: Improper treatment or use of batteries may present a danger of fire, explosion, leakage, or other hazard. For more information, see "Battery Use & Safety."

Keep Your Mobile Device and Its Accessories Away From Small Children

These products are not toys and may be hazardous to small children. For example:

- A choking hazard may exist for small, detachable parts.
- Improper use could result in loud sounds, possibly causing hearing injury.
- Improperly handled batteries could overheat and cause a burn.

Glass Parts

Some parts of your mobile device may be made of glass. This glass could break if the product is dropped on a hard surface or receives a substantial impact. If glass breaks, do not touch or attempt to remove. Stop using your mobile device until the glass is replaced by a qualified service center.

Seizures/Blackouts

Some people may be susceptible to epileptic seizures or blackouts when exposed to flashing lights, such as when playing video games. These may occur even if a person has never had a previous seizure or blackout.

If you have experienced seizures or blackouts, or if you have a family history of such occurrences, please consult with your physician before playing video games or enabling a flashing-lights feature (if available) on your mobile device.

Discontinue use and consult a physician if any of the following symptoms occur: convulsion, eye or muscle twitching, loss of awareness, involuntary movements, or disorientation. It is always a good idea to hold the screen away from your eyes, leave the lights on in the room, take a 15-minute break every hour, and stop use if you are tired.

Caution About High Volume Usage

Warning: Exposure to loud noise from any source for extended periods of time may affect your hearing. The louder the volume sound level, the less time is required before your hearing could be affected. To protect your hearing:

- Limit the amount of time you use headsets or headphones at high volume.
- Avoid turning up the volume to block out noisy surroundings.
- Turn the volume down if you can't hear people speaking near you.

If you experience hearing discomfort, including the sensation of pressure or fullness in your ears, ringing in your ears, or muffled speech, you should stop listening to the device through your headset or headphones and have your hearing checked.

For more information about hearing, see our Web site at **www.motorola.com/hearingsafety** (in English only).

Repetitive Motion

When you repetitively perform actions such as pressing keys or entering finger-written characters, you may experience occasional discomfort in your hands, arms, shoulders, neck, or other parts of your body. If you continue to have discomfort during or after such use, stop use and see a physician.

[Jan0109]

Industry Canada Notice to Users

Operation is subject to the following two conditions: (1) This device may not cause interference and (2) This device must accept any interference, including interference that may cause undesired operation of the device. See RSS-GEN 7.1.5.

FCC Notice to Users

The following statement applies to all products that have received FCC approval. Applicable products bear the FCC logo, and/or an FCC ID in the format FCC-ID:xxxxxx on the product label.

Motorola has not approved any changes or modifications to this device by the user. Any changes or modifications could void the user's authority to operate the equipment. See 47 CFR Sec. 15.21.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. See 47 CFR Sec. 15.19(3).

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Use & Care

To care for your Motorola phone, please keep it away from:

liquids of any kind

Don't expose your phone to water, rain, extreme humidity, sweat, or other moisture. If it does get wet, don't try to accelerate drying with the use of an oven or dryer, as this may damage the phone.

extreme heat or cold

Avoid temperatures below 0°C/32°F or above 45°C/113°F.

microwaves

Don't try to dry your phone in a microwave oven.

dust and dirt

Don't expose your phone to dust, dirt, sand, food, or other inappropriate materials.

cleaning solutions

To clean your phone, use only a dry soft cloth. Don't use alcohol or other cleaning solutions.

the ground

Don't drop your phone.

Motorola Limited Warranty for the United States and Canada

What Does this Warranty Cover?

Subject to the exclusions contained below, Motorola, Inc. warrants its telephones, pagers, messaging devices, and consumer and professional two-way radios (excluding commercial, government or industrial radios) that operate via Family Radio Service or General Mobile Radio Service, Motorola-branded or certified accessories sold for use with these Products ("Accessories") and Motorola software contained on CD-ROMs or other tangible media and sold for use with these Products ("Software") to be free from defects in materials and workmanship under normal consumer usage for the period(s) outlined below. This limited warranty is a consumer's exclusive remedy, and applies as follows to new Motorola Products, Accessories, and Software purchased by consumers in the United States or Canada, which are accompanied by this written warranty:

Products and Accessories

Products Covered	Length of Coverage
Products and Accessories as defined above, unless otherwise provided for below.	**One (1) year** from the date of purchase by the first consumer purchaser of the product unless otherwise provided for below.
Decorative Accessories and Cases. Decorative covers, bezels, PhoneWrap™ covers and cases.	**Limited lifetime warranty** for the lifetime of ownership by the first consumer purchaser of the product.
Monaural Headsets. Ear buds and boom headsets that transmit mono sound through a wired connection.	**Limited lifetime warranty** for the lifetime of ownership by the first consumer purchaser of the product.
Consumer and Professional Two-Way Radio Accessories.	**Ninety (90) days** from the date of purchase by the first consumer purchaser of the product.
Products and Accessories that are Repaired or Replaced.	**The balance of the original warranty or for ninety (90) days** from the date returned to the consumer, whichever is longer.

Exclusions (Products and Accessories)

Normal Wear and Tear. Periodic maintenance, repair and replacement of parts due to normal wear and tear are excluded from coverage.

Batteries. Only batteries whose fully charged capacity falls below 80% of their rated capacity and batteries that leak are covered by this limited warranty.

Abuse & Misuse. Defects or damage that result from: (a) improper operation, storage, misuse or abuse, accident or neglect, such as physical damage (cracks, scratches, etc.) to the surface of the product resulting from misuse; (b) contact with liquid, water, rain, extreme humidity or heavy perspiration, sand, dirt or the like, extreme heat, or food; (c) use of the Products or Accessories for commercial purposes or subjecting the Product or Accessory to abnormal usage or conditions; or (d) other acts which are not the fault of Motorola, are excluded from coverage.

Use of Non-Motorola Products and Accessories. Defects or damage that result from the use of non-Motorola branded or certified Products, Accessories, Software or other peripheral equipment are excluded from coverage.

Unauthorized Service or Modification. Defects or damages resulting from service, testing, adjustment, installation, maintenance, alteration, or modification in any way by someone other than Motorola, or its authorized service centers, are excluded from coverage.

Altered Products. Products or Accessories with (a) serial numbers or date tags that have been removed, altered or obliterated; (b) broken seals or that show evidence of tampering; (c) mismatched board serial numbers; or (d) nonconforming or non-Motorola housings, or parts, are excluded from coverage.

Communication Services. Defects, damages, or the failure of Products, Accessories or Software due to any communication service or signal you may subscribe to or use with the Products Accessories or Software is excluded from coverage.

Software

Products Covered	Length of Coverage
Software. Applies only to physical defects in the media that embodies the copy of the software (e.g. CD-ROM, or floppy disk).	**Ninety (90) days** from the date of purchase.

Exclusions (Software)

Software Embodied in Physical Media. No warranty is made that the software will meet your requirements or will work in combination with any hardware or software applications provided by third parties, that the operation of the software products will be uninterrupted or error free, or that all defects in the software products will be corrected.

Software NOT Embodied in Physical Media. Software that is not embodied in physical media (e.g. software that is downloaded from the internet), is provided "as is" and without warranty.

Who is Covered?

This warranty extends only to the first consumer purchaser, and is not transferable.

What Will Motorola Do?

Motorola, at its option, will at no charge repair, replace or refund the purchase price of any Products, Accessories or Software that does not conform to this warranty. We may use functionally equivalent reconditioned/refurbished/pre-owned or new Products, Accessories or parts. No data, software or applications added to your Product, Accessory or Software, including but not limited to personal contacts, games and ringer tones, will be reinstalled. To avoid losing such data, software and applications please create a back up prior to requesting service.

How to Obtain Warranty Service or Other Information

USA	**Phones:** 1-800-331-6456 **Pagers:** 1-800-548-9954 **Two-Way Radios and Messaging Devices:** 1-800-353-2729
Canada	**All Products:** 1-800-461-4575
TTY	1-888-390-6456
For **Accessories** and **Software**, please call the telephone number designated above for the product with which they are used.	

You will receive instructions on how to ship the Products, Accessories or Software, at your expense, to a Motorola Authorized Repair Center. To obtain service, you must include: (a) a copy of your receipt, bill of sale or other comparable proof of purchase; (b) a written description of the problem; (c) the name of your service provider, if applicable; (d) the name and location of the installation facility (if applicable) and, most importantly; (e) your address and telephone number.

What Other Limitations are There?

ANY IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY, OTHERWISE THE REPAIR, REPLACEMENT, OR REFUND AS PROVIDED UNDER THIS EXPRESS LIMITED WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER, AND IS PROVIDED IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. IN NO EVENT SHALL MOTOROLA BE LIABLE, WHETHER IN CONTRACT OR TORT (INCLUDING NEGLIGENCE) FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT, ACCESSORY OR SOFTWARE, OR FOR ANY INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES OF ANY KIND, OR LOSS OF REVENUE OR PROFITS, LOSS OF BUSINESS, LOSS OF INFORMATION OR DATA, SOFTWARE OR APPLICATIONS OR OTHER FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH THE ABILITY OR INABILITY TO USE THE PRODUCTS, ACCESSORIES OR SOFTWARE TO THE FULL EXTENT THESE DAMAGES MAY BE DISCLAIMED BY LAW.

Some states and jurisdictions do not allow the limitation or exclusion of incidental or consequential damages, or limitation on the length of an implied warranty, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights that vary from state to state or from one jurisdiction to another.

Hearing Aid Compatibility with Mobile Phones

Some Motorola phones are measured for compatibility with hearing aids. If the box for your particular model has "Rated for Hearing Aids" printed on it, the following explanation applies.

When some mobile phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference they generate.

The wireless telephone industry has developed ratings for some of their mobile phones, to assist hearing device users in finding phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label on the box.

The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

M-Ratings: Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.

T-Ratings: Phones rated T3 or T4 meet FCC requirements and are likely to be more usable with a hearing device's telecoil ("T Switch" or "Telephone Switch") than unrated phones. T4 is the better/higher of the two ratings. (Note that not all hearing devices have telecoils in them.)

Hearing devices may also be measured for immunity to this type of interference. Your hearing device manufacturer or hearing health professional may help you find results for your hearing device. The more immune your hearing aid is, the less likely you are to experience interference noise from mobile phones.

Information from the World Health Organization

Present scientific information does not indicate the need for any special precautions for the use of mobile phones. If you are concerned, you may want to limit your own or your children's RF exposure by limiting the length of calls or by using handsfree devices to keep mobile phones away from your head and body.

Source: WHO Fact Sheet 193

Further information: **http://www.who.int/peh-emf**

Product Registration

Online Product Registration:

www.motorola.com/us/productregistration

Product registration is an important step toward enjoying your new Motorola product. Registering permits us to contact you for product or software updates and allows you to subscribe to updates on new products or special promotions. Registration is not required for warranty coverage.

Please retain your original dated sales receipt for your records. For warranty service of your Motorola Personal Communications Product you will need to provide a copy of your dated sales receipt to confirm warranty status.

Thank you for choosing a Motorola product.

Export Law Assurances

This product is controlled under the export regulations of the United States of America and Canada. The Governments of the United States of America and Canada may restrict the exportation or re-exportation of this product to certain destinations. For further information contact the U.S. Department of Commerce or the Canadian Department of Foreign Affairs and International Trade.

Caring for the Environment by Recycling

This symbol on a Motorola product means the product should not be disposed of with household waste.

Disposal of your Mobile Device & Accessories

Please do not dispose of mobile devices or electrical accessories (such as chargers, headsets, or batteries) with your household waste. Do not dispose of your battery or mobile device in a fire. These items should be disposed of in accordance with the national collection and recycling schemes operated by your local or regional authority. Alternatively, you may return unwanted mobile devices and electrical accessories to any Motorola Approved Service Center in your region. Details of Motorola approved national recycling schemes, and further information on Motorola recycling activities can be found at:
www.motorola.com/recycling

Disposal of your Mobile Device Packaging & User's Guide

Product packaging and user's guides should only be disposed of in accordance with national collection and recycling requirements. Please contact your regional authorities for more details.

California Perchlorate Label

Some mobile phones use an internal, permanent backup battery on the printed circuit board that may contain very small amounts of perchlorate. In such cases, California law requires the following label:

Perchlorate Material – special handling may apply. See **www.dtsc.ca.gov/hazardouswaste/perchlorate**

There is no special handling required by consumers.

Privacy & Data Security

Motorola understands that privacy and data security are important to everyone. Because some features of your mobile device may affect your privacy or data security, please follow these recommendations to enhance protection of your information:

- **Monitor access**—Keep your mobile device with you and do not leave it where others may have unmonitored access. Lock your device's keypad where this feature is available.
- **Keep software up to date**—If Motorola or a software/application vendor releases a patch or software fix for your mobile device that updates the device's security, install it as soon as possible.
- **Erase before recycling**—Delete personal information or data from your mobile device prior to disposing of it or turning it in for recycling. For instructions on how to delete all personal information from your device, see your product guide.

Note: For information on backing up your mobile device data before erasing it, go to **www.motorola.com** and navigate to the "downloads" section of the consumer Web page for "Motorola Backup" or "Motorola Phone Tools."

- **Understanding AGPS**—To provide location information for emergency calls, certain Motorola mobile devices incorporate *Assisted Global Positioning System* (AGPS) technology. AGPS technology also can be used in non-emergency applications to track and monitor a user's location—for example, to provide driving directions. Users who prefer not to permit such tracking and monitoring should avoid using such applications.

If you have further questions regarding how the use of your mobile device may impact your privacy or data security, please contact Motorola at **privacy@motorola.com**, or contact your service provider.

Smart Practices While Driving

Drive Safe, Call Smart

Check the laws and regulations on the use of mobile devices and their accessories in the areas where you drive. Always obey them. The use of these devices may be prohibited or restricted in certain areas -- for example, handsfree use only. Go to www.motorola.com/callsmart (in English only) for more information.

Your mobile device lets you communicate by voice and data—almost anywhere, anytime, wherever wireless service is available and safe conditions allow. When driving a car, driving is your first responsibility. If you choose to use your mobile device while driving, remember the following tips:

- **Get to know your Motorola mobile device and its features such as speed dial and redial.** If available, these features help you to place your call without taking your attention off the road.
- **When available, use a handsfree device.** If possible, add an additional layer of convenience to your mobile device with one of the many Motorola Original handsfree accessories available today.

- **Position your mobile device within easy reach.** Be able to access your mobile device without removing your eyes from the road. If you receive an incoming call at an inconvenient time, if possible, let your voicemail answer it for you.
- **Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions.** Rain, sleet, snow, ice, and even heavy traffic can be hazardous.
- **Do not take notes or look up phone numbers while driving.** Jotting down a "to do" list or going through your address book takes attention away from your primary responsibility—driving safely.

- **Dial sensibly and assess the traffic; if possible, place calls when your car is not moving or before pulling into traffic.** If you must make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.
- **Do not engage in stressful or emotional conversations that may be distracting.** Make people you are talking with aware you are driving and suspend conversations that can divert your attention away from the road.
- **Use your mobile device to call for help.** Dial 911 or other local emergency number in the case of fire, traffic accident, or medical emergencies (wherever wireless phone service is available).
- **Use your mobile device to help others in emergencies.** If you see an auto accident, crime in progress, or other serious emergency where lives are in danger, call 911 or other local emergency number (wherever wireless phone service is available), as you would want others to do for you.
- **Call roadside assistance or a special non-emergency wireless assistance number when necessary.** If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency wireless number (wherever wireless phone service is available).

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Motorola, Inc.
Consumer Advocacy Office
600 N US Hwy 45
Libertyville, IL 60048
www.hellomoto.com

Note: Do not ship your phone to the above address. If you need to return your phone for repairs, replacement, or warranty service, please contact the Motorola Customer Support Center at:

1-800-331-6456 (United States)

1-888-390-6456 (TTY/TDD United States for hearing impaired)

1-800-461-4575 (Canada)

Certain mobile phone features are dependent on the capabilities and settings of your service provider's network. Additionally, certain features may not be activated by your service provider, and/or the provider's network settings may limit the feature's functionality. Always contact your service provider about feature availability and functionality. All features, functionality, and other product specifications, as well as the information contained in this user's guide, are based upon the latest available information and believed to be accurate at the time of printing. Motorola reserves the right to change or modify any information or specifications without notice or obligation.

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Caution: Changes or modifications made in the radio phone, not expressly approved by Motorola, will void the user's authority to operate the equipment.

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U.S. patent Re. 34,976

www.motorola.com